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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/597,907

09/12/2006

Hermann Stief

INA-55

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20311 7590 08/11/2010  
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EXAMINER

OMGBA, ESSAMA

ART UNIT

PAPER NUMBER

3726

NOTIFICATION DATE

DELIVERY MODE

08/11/2010

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

info@lmiplaw.com

<b>Office Action Summary</b>	<b>Application No.</b> 10/597,907	<b>Applicant(s)</b> STIEF ET AL.	
	<b>Examiner</b> Essama Omgba	<b>Art Unit</b> 3726	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 21 May 2010.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)                        | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 103***

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
2. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Singer (DE 100 43 840) in view of Kniepkamp et al. (US Patent 2,999,707), Leturcq (US Patent, 6,244,600) and Fessenden (US Patent 4,229,950).

With regards to claim 1, Singer discloses a deflecting roller for a traction mechanism drive composed of an annular body 5 against the lateral face of which a traction mechanism bears 6, having a rolling bearing which is composed of an inner ring 7 and an outer ring 3, wherein the outer ring is enclosed by a holding bore of the annular body, and the deflecting roller is fixed to a screw-on surface by means of a fastening screw 8 which extends through a holding bore of the inner ring and a holding bore of a spacer sleeve 9, wherein the distance between the screw-on surface and the deflecting roller is determined by the axial extent of the spacer sleeve which is held against the deflecting roller by means of a transport securing means, wherein a guide collar 13 of the spacer sleeve is held by the holding bore of the inner ring (fig. 1). Singer does not disclose a recess on the guide collar, an elastic holding element inserted in the recess such that the elastic holding element bears against the holding bore of the inner ring under preload. However Kniepkamp teaches a collar 1 held against an inner bore of a casing 5 wherein the collar includes a recess with an elastic holding element 12 inserted in the recess such that the elastic holding element bears against the holding

Art Unit: 3726

bore of the casing under preload, see figure 1. Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made, to have modified the guide collar of Singer to include a recess with an elastic holding element inserted in the recess such that the elastic holding element bears against the holding bore of the of the inner ring under preload, in light of the teachings of Kniepkamp, in order to provide an inner ring/ guide collar subassembly. Although Singer/Kniepkamp does not disclose the recess being defined by a first wall, a second wall, and a third wall, the first wall being shorter than the third wall and parallel to the third wall, the second wall being perpendicular to the first and third walls, providing spacing between the first wall and the second wall, and at the first wall, the holding element being free from contact with the holding bore, however Leturcq teaches such recess except for the first wall being shorter than the third wall, see figure 2. Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made, to have modified the recess of Singer/Kniepkamp in the manner taught by Leturcq, in order to more securely hold the retaining element. Further Fessenden teaches such a recess wherein the first wall is shorter than a third wall, see figure 1. Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made, to have provided the recess of Singer/Kniepkamp/Leturcq with a first wall that is shorter than the third wall, in light of the teachings of Fessenden, in order to facilitate mounting the retaining member in the recess.

Art Unit: 3726

Regarding claims 2 and 3, see column 1, lines 46-52 of Kniepkamp. Applicant should note that it is within the skill level of a worker in the art to select an appropriate holding element.

Regarding claims 4, 5 and 7, see figure 1 of Singer.

Regarding claim 6, Applicant should note that it would have been obvious to one of ordinary skill in the art at the time the invention was made, to have produced the spacer sleeve from whatever material was expedient as a matter of obvious design choice since it has been held to be within the general skill level of a worker in the art to select a known material for its suitability for the intended use as a matter of obvious design choice. *In re Leshin*, 125 USPQ 416. See also *Ballas Liquidating Co. v. Allied industries of Kansa, Inc.* (DC Kans) 205 USPQ 331.

### ***Response to Arguments***

3. Applicant's arguments with respect to claims 1-7 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Essama Omgba whose telephone number is (571) 272-4532. The examiner can normally be reached on M-F 9-6:30, 1st Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Bryant can be reached on (571) 272-4526. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3726

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Essama Omgba/  
Primary Examiner, Art Unit 3726

eo  
August 7, 2010